

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Canceled)

2. (Canceled)

3. (Currently Amended) The brazing composition according to ~~Claim 11~~ claim 16, further comprising metal silicon powder as a brazing filler metal.

4. (Canceled)

5. (Canceled)

6. (Withdrawn-Currently Amended) An aluminum material coated with a brazing composition which is produced by applying the brazing composition according to ~~Claim 11~~ claim 16 to the aluminum material and drying the brazing composition, thereby causing a dried residual component in the brazing composition to adhere to a surface of the aluminum material.

7. (Withdrawn) The aluminum material according to claim 6, wherein an average thickness and a maximum thickness of a film of the brazing composition are respectively 2-15 μm and 30 μm or less.

8. (Withdrawn) The aluminum material according to claim 6, wherein an average particle diameter of the zinc-based flux is 30 μm or less.

9. (Withdrawn) An aluminum brazing method comprising assembling the aluminum material according to claim 6 into a specific structure, and heating the structure to a brazing temperature to form a zinc diffusion layer on the surface of the aluminum material.

10. (Withdrawn) An automotive heat exchanger manufactured by using the brazing method according to claim 9.

11.-15. (Canceled)

16. (New) An aqueous aluminum brazing composition comprising a K-Zn-F-type zinc fluoride flux, an organic binder comprising a (meth)acrylate copolymer containing at least one carboxyl group-containing monomer, a (meth)acrylic acid/(meth)acrylate copolymer emulsion added as a precipitation inhibitor in an amount of 0.003-1.50 wt.%, based on 100 wt.% of the brazing composition, and an amino alcohol having a boiling point of 120-200°C as a reaction inhibitor for inhibiting a reaction between zinc contained in the flux and a carboxyl group contained in the organic binder or the precipitation inhibitor, wherein the numerical value of the weight-average molecular weight of the copolymer in the emulsion used as the precipitation inhibitor is more than ten times greater than that of the copolymer of the organic binder and the brazing composition has a thixotropic index of 1.01-1.20.